

CLAIMS

1. A bottom anchor assembly for a substantially vertically-orientated elongate safety line, the anchor assembly comprising safety line gripping means, tensioning means for adjusting the safety line tension to a predetermined value, bracket means and connector arm means in which the tensioning means and safety line gripping means are spaced apart and are linked by the connector arm means.

2. A bottom anchor assembly according to claim 1, in which the safety line gripping means and the connector arm means are arranged to allow a safety line traveller moving along a safety line gripped by the safety line gripping means to pass over the safety line gripping means and the connector arm means.

3. A bottom anchor assembly according to claim 1 or claim 2, in which the safety line gripping means includes a swaged element attached at the end of the safety line.

4. A bottom anchor assembly according to any preceding claim in which the safety line gripping means includes an attachment means for a further safety line to be releasably attached to the assembly.

5. A bottom anchor assembly according to claim 4, when dependent on claim 3 in which the attachment means comprises an external screw thread on the swaged element.

6. A bottom anchor assembly according to any preceding claim, in which the safety line gripping means comprises a tube through which the safety line passes.

7. A bottom anchor assembly according to claim 6, in which the connector arm is linked to the tube.

8. A bottom anchor assembly according to claim 6, when dependent on claim 3, in which the swaged element is attached to the safety line below the tube.

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9. A bottom anchor assembly according to any preceding claim in which the tensioning means comprises a rod having an externally threaded section and linked to the connector arm means and a nut on the externally threaded section, the nut being arranged to bear against a downwardly facing surface of the bracket.

10. A bottom anchor assembly according to claim 9, in which the bracket includes a tubular section and the rod is located at least partially within the tubular section.

11. A bottom anchor assembly according to any preceding claim and further comprising indicator means for providing a visible indication of when said predetermined tension has been achieved.

12. A bottom anchor assembly, substantially as shown in or as described with reference to Figures 2 to 5 of the accompanying drawings.